

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

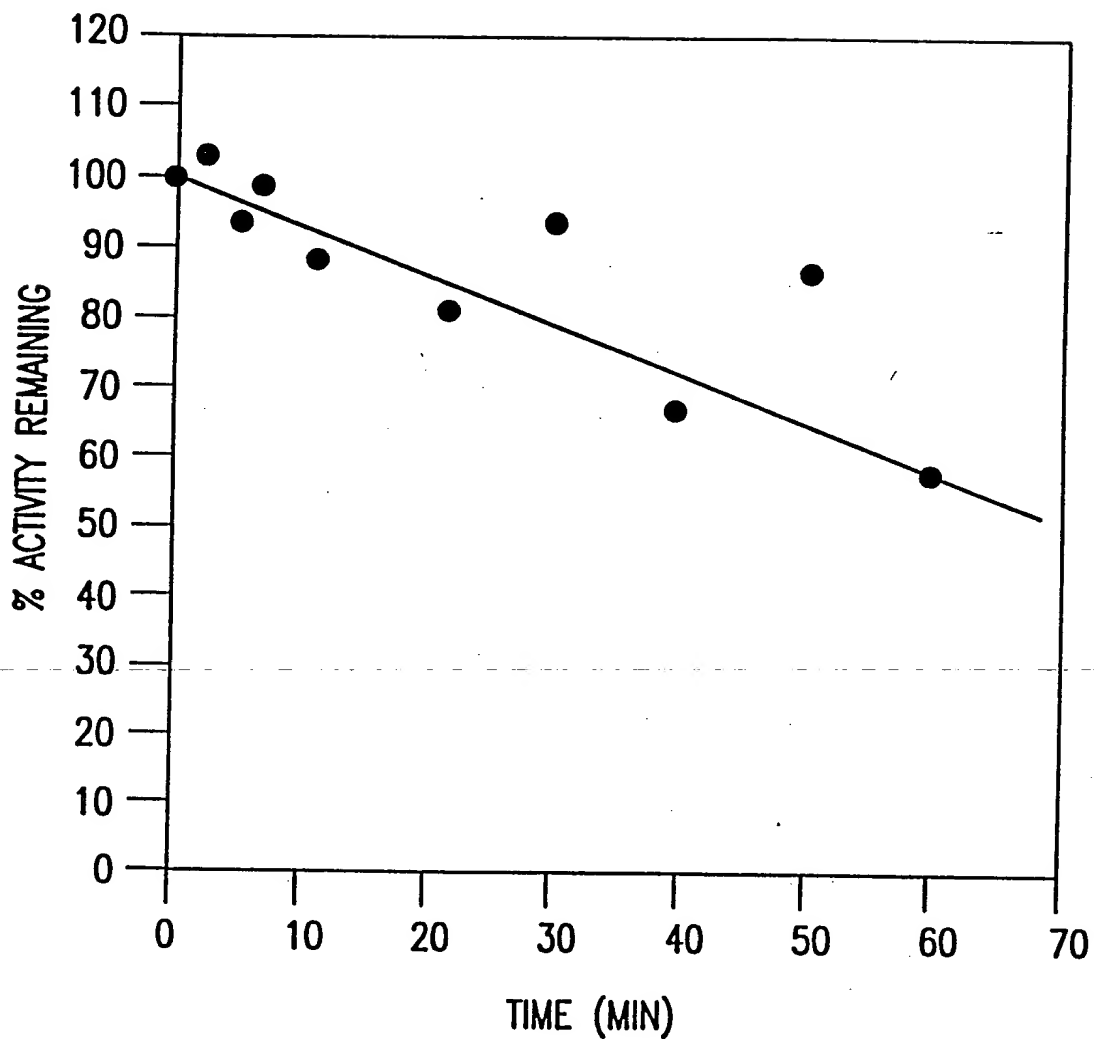


FIG.1

APPROVED	O.G. FIG.	
CY	CLASS	SUBCLASS
DRAFTSMAN		

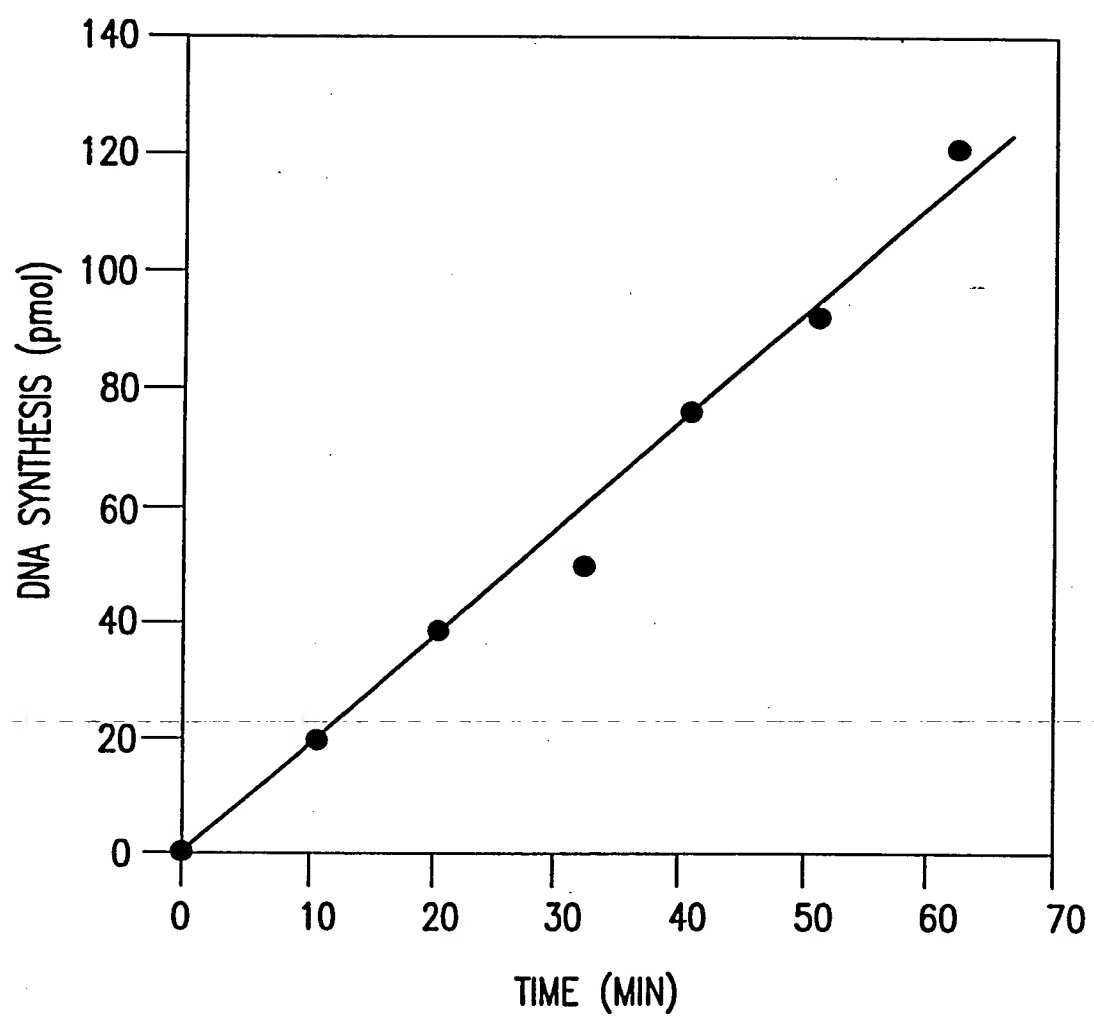


FIG.2

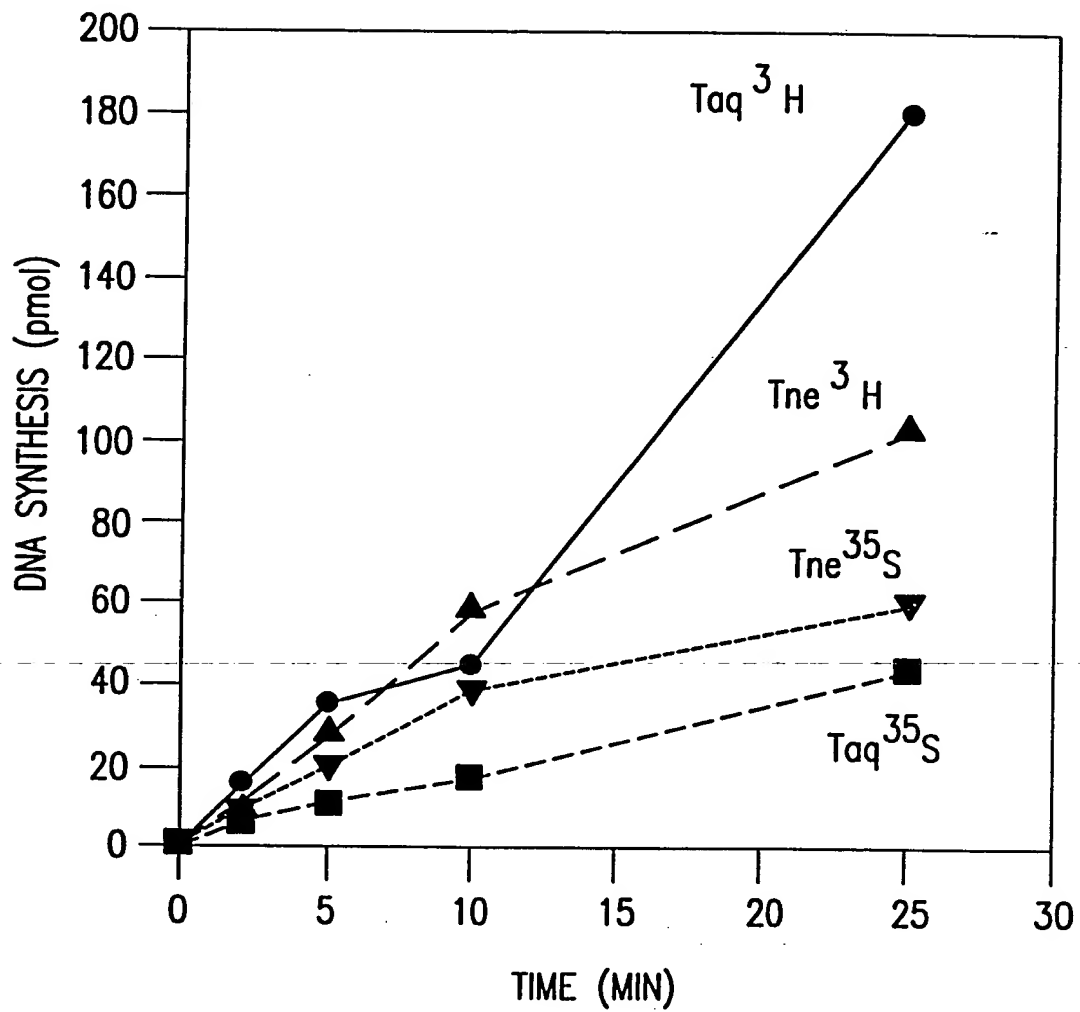
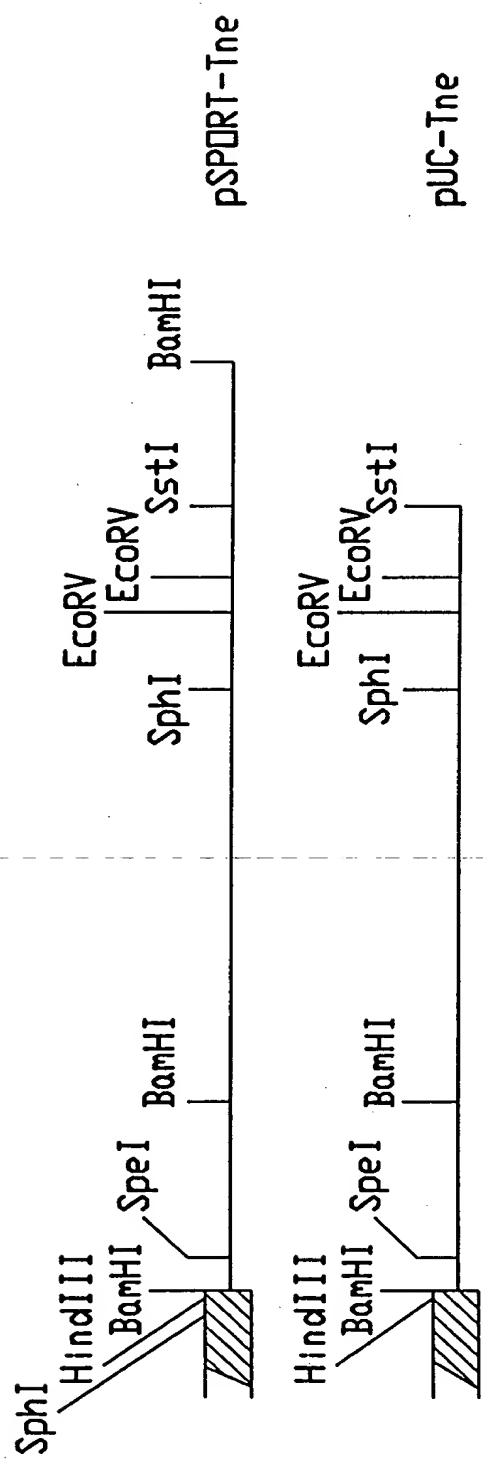


FIG.3

SECRET 9206250

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



→ Tne POLYMERASE

THE REGION CONTAINS THE O-HELIX
HOMOLOGOUS SEQUENCES.

FIG.4

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTS: 1/1		

BamHI

1 GGATCCAGAC TGGTGGATCG TCAGTGGGA TTATTCCCAA ATAGAACTCA GAATCCTCGC
 G S R L V D R Q C G L F P N R T Q N P R
 → D P D W W I V S A D Y S Q I E L R I L
 I Q T G G S S V R I I P K - N S E S S

61 TCATCTCAGT GGTGATGAGA ACCTTGTA GGCCTTCGAG GAGGGCATCG ATGTGCACAC
 S S Q W - - E P C E G L R G G H R C A H
 → A H L S G D E N L V K A F E E G I D V H
 L I S V V M R T L - R P S R R A S M C T

121 CTTGACTGCC TCCAGGATCT ACAACGTAA GCCAGAAGAA GTGAACGAAG AAATGCGACG
 L D C L Q D L Q R K A R R S E R R N A T
 → T L T A S R I Y N V K P E E V N E E M R
 P - L P P G S T T - S Q K K - T K K C D

181 GGTGGAAAG ATGGTGAAC TCTCTATAAT ATACGGTGTG ACACCGTACG GTCTTTCTGT
 G W K D G E L L Y N I R C H T V R S F C
 → R V G K M V N (F) S I I Y G V T P Y G L S
 G L E R W - T S L - Y T V S H R T V F L

241 GAGACTTGGG ATACCGGTTA AAGAAGCAGA AAAGATGATT ATCAGCTATT TCACACTGTA
 E T W N T G - R S R K D D Y Q L F H T V
 → V R L G I P V K E A E K M I I S Y F T L
 - D L E Y R L K K Q K R - L S A I S H C

301 TCCAAAGGTG CGAAGCTACA TCCAGCAGGT TGTTCAGAG GCAAAAGAGA AGGGCTACGT
 S K G A K L H P A G C C R G K R E G L R
 → Y P K V R S Y I Q Q V V A E A K E K G Y
 I Q R C E A T S S R L L Q R Q K R R A T

361 CAGGACTCTC TTTGGAAGAA AAAGAGATAT TCCCAGCTC ATGGCAAGGG ACAAGAACAC
 Q D S L W K K K R Y S P A H G K G Q E H
 → V R T L F G R K R D I P Q L M A R D K N
 S G L S L E E K E I F P S S W Q G T R T

421 CCAGTCCGAA GGCGAAAGAA TCGCAATAAA CACCCCATC CAGGGAAGTG CGGCAGATAT
 P V R R R K N R N K H P H S G N C G R Y
 → T Q S E G E R I A I N T P I Q G T A A D
 P S P K A K E S Q - T P P F R E L R Q I

FIG.5A

APPROVED	O.R. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

481 AATAAAATTG GCTATGATAG ATATAGACGA GGAGCTGAGA AAAAGAAACA TGAAATCCAG
 N K I G Y D R Y R R G A E K K K H E I Q
 → I I K L A M I D I D E E L R K R N M K S
 - - N W L - - I - T R S - E K E T - N P

541 AATGATCATT CAGGTTTCATG ACGAACTGGT CTTGAGGTT CCCGATGAGG AAAGAAGA
 N D H S G S - R T G L R G S R - G K R R
 → R M I I Q V H D E L V F E V P D E E K E
 E - S F R F M T N W S S R F P M R K K K

601 ACTAGTTGAT CTGGTGAAGA ACAAATGAC AAATGTGGTG AAATCTCTG TGCCTCTTGA
 T S - S G E E Q N D K C G E T L C A S -
 → E L V D L V K N K M T N V V K L S V P L
 N - L I W - R T K - Q M W - N S L C L L

661 GGTGACATA AGCATCGGAA AAAGCTGGTC TTGA
 G - H K H R K K L V L
 → E V D I S I G K S W S -
 R L T - A S E K A G L

FIG.5B

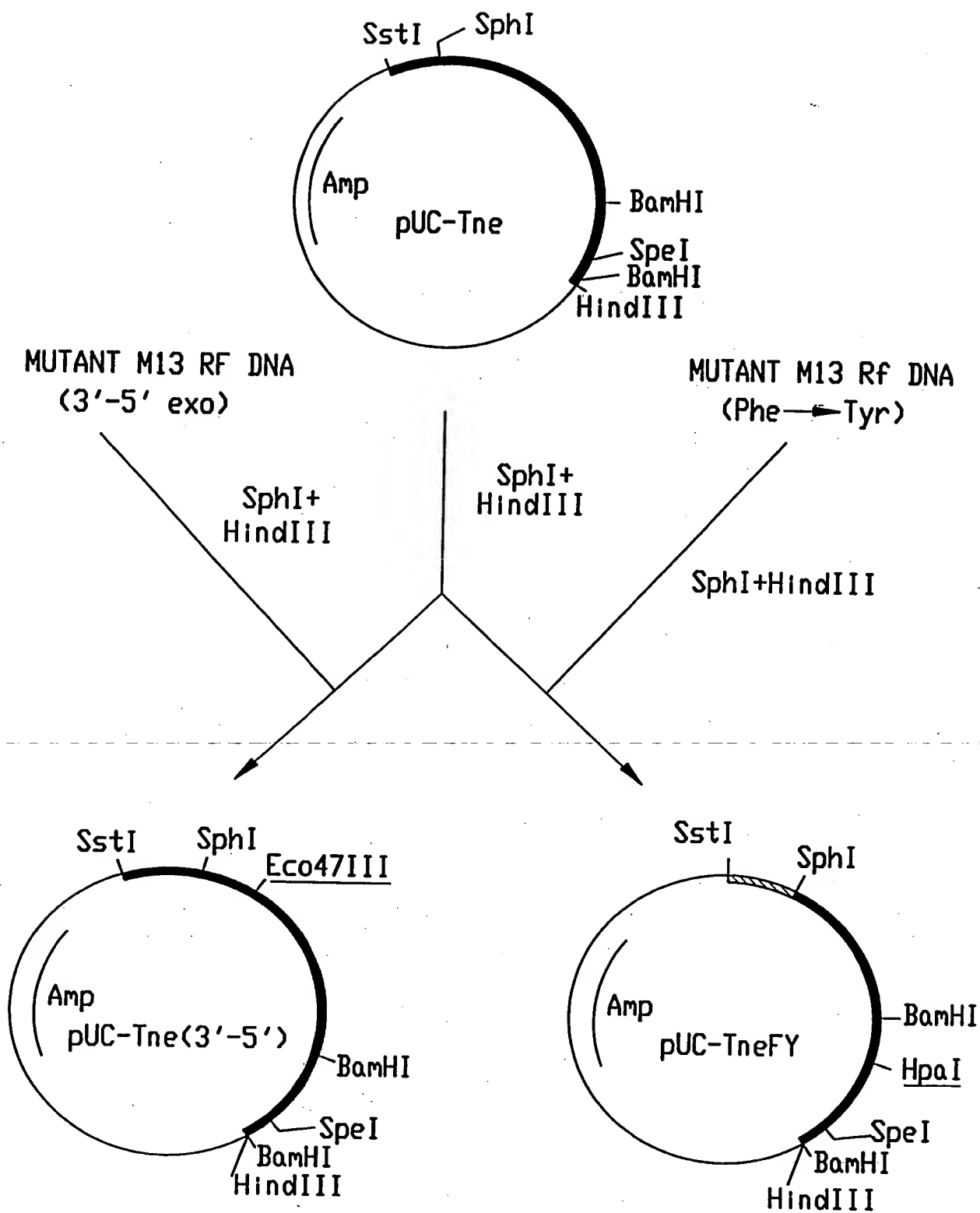
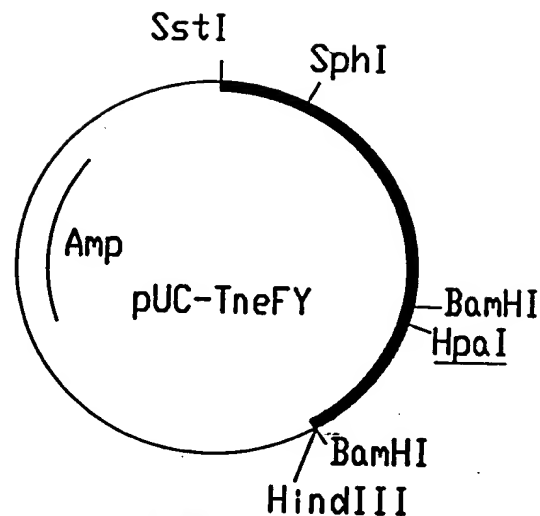
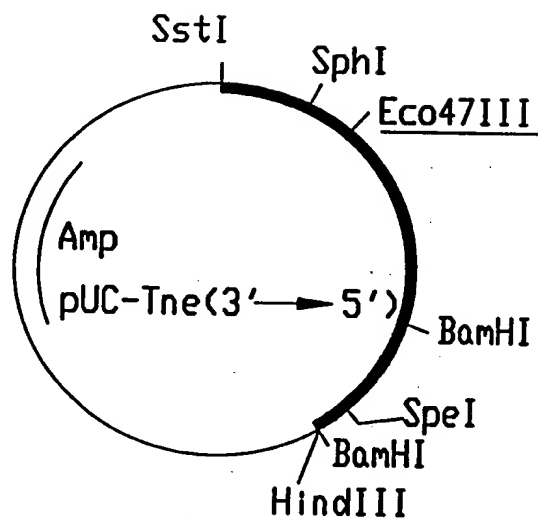


FIG.6A



ptrc99

1. SstI+HindIII

2. ISOLATE Tne pol. FRAGMENT

SstI + HindIII

ptrc99

1. SstI+HindIII

2. ISOLATE Tne pol. FRAGMENT

SstI + HindIII

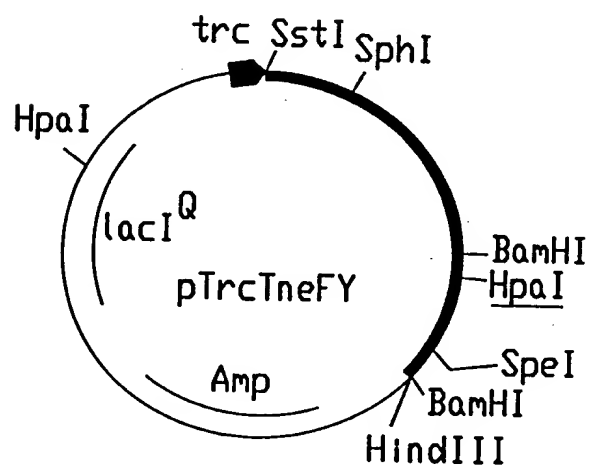
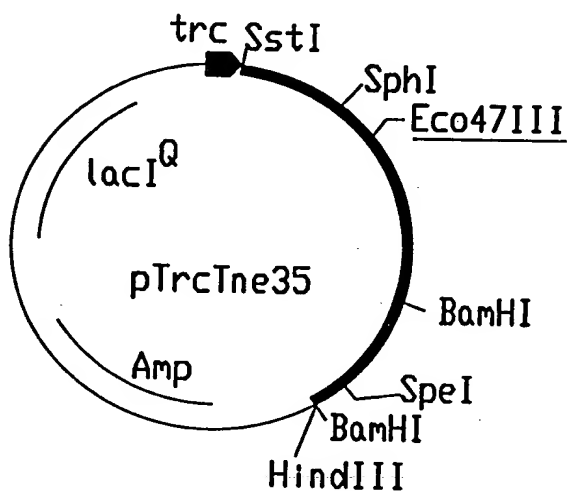


FIG.6B

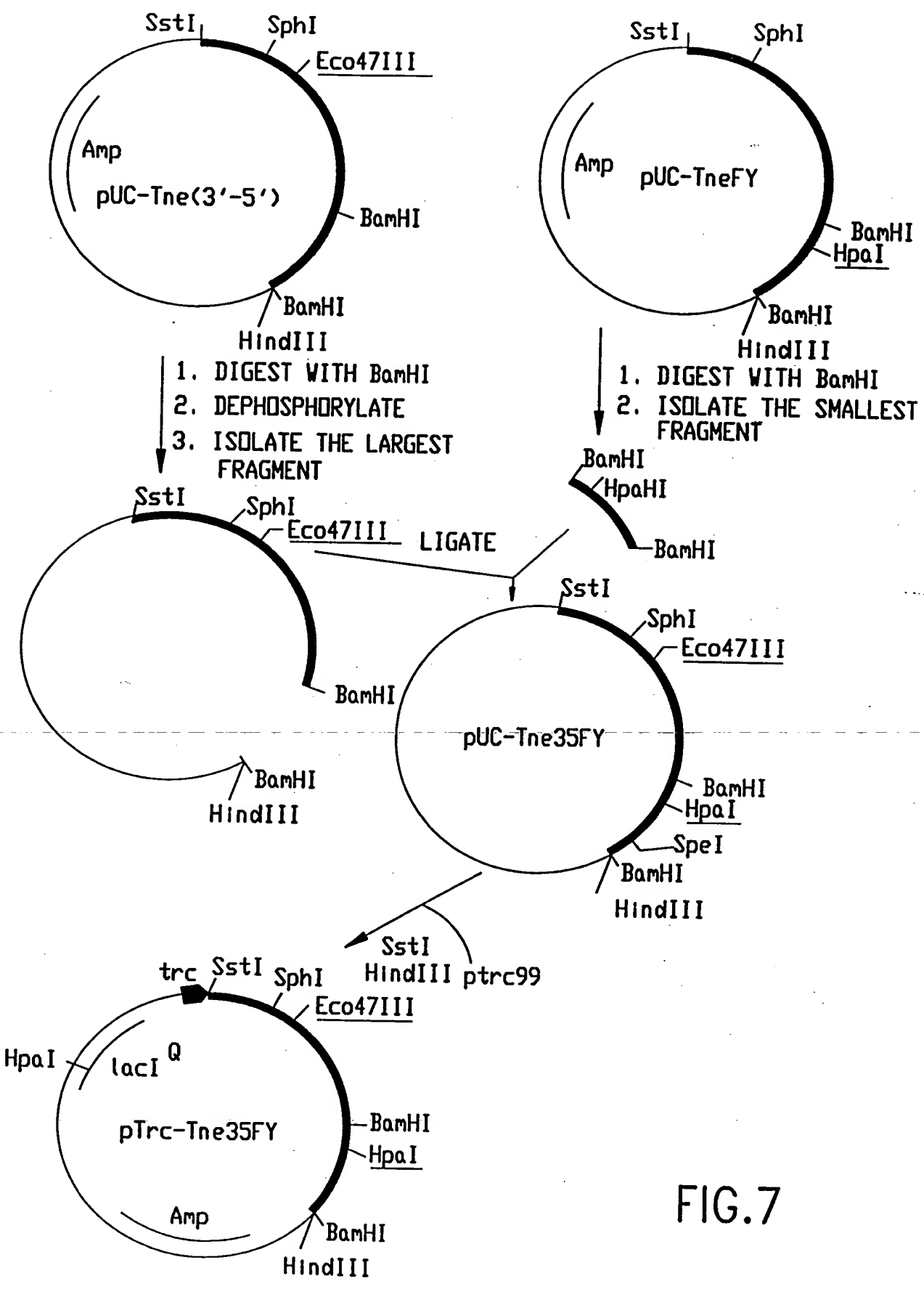


FIG.7

03229173-011390

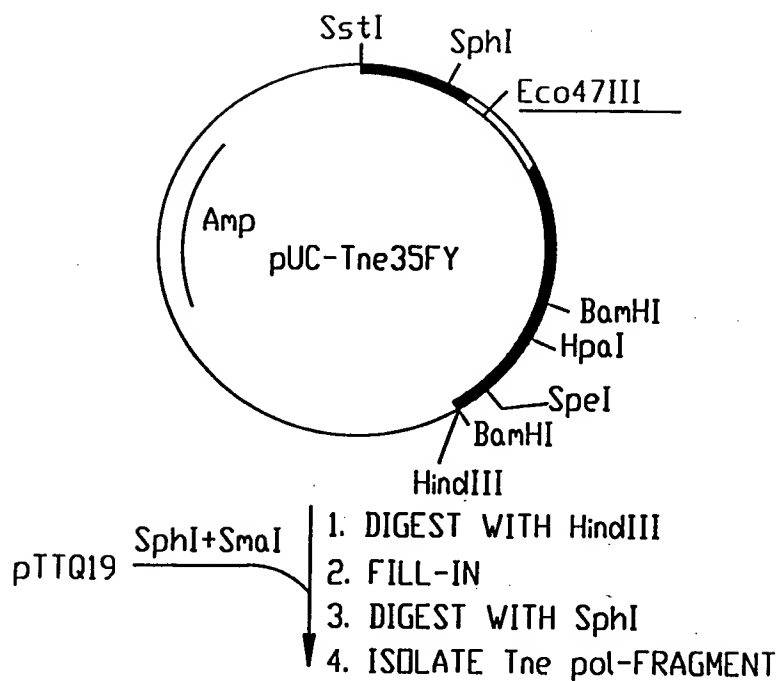
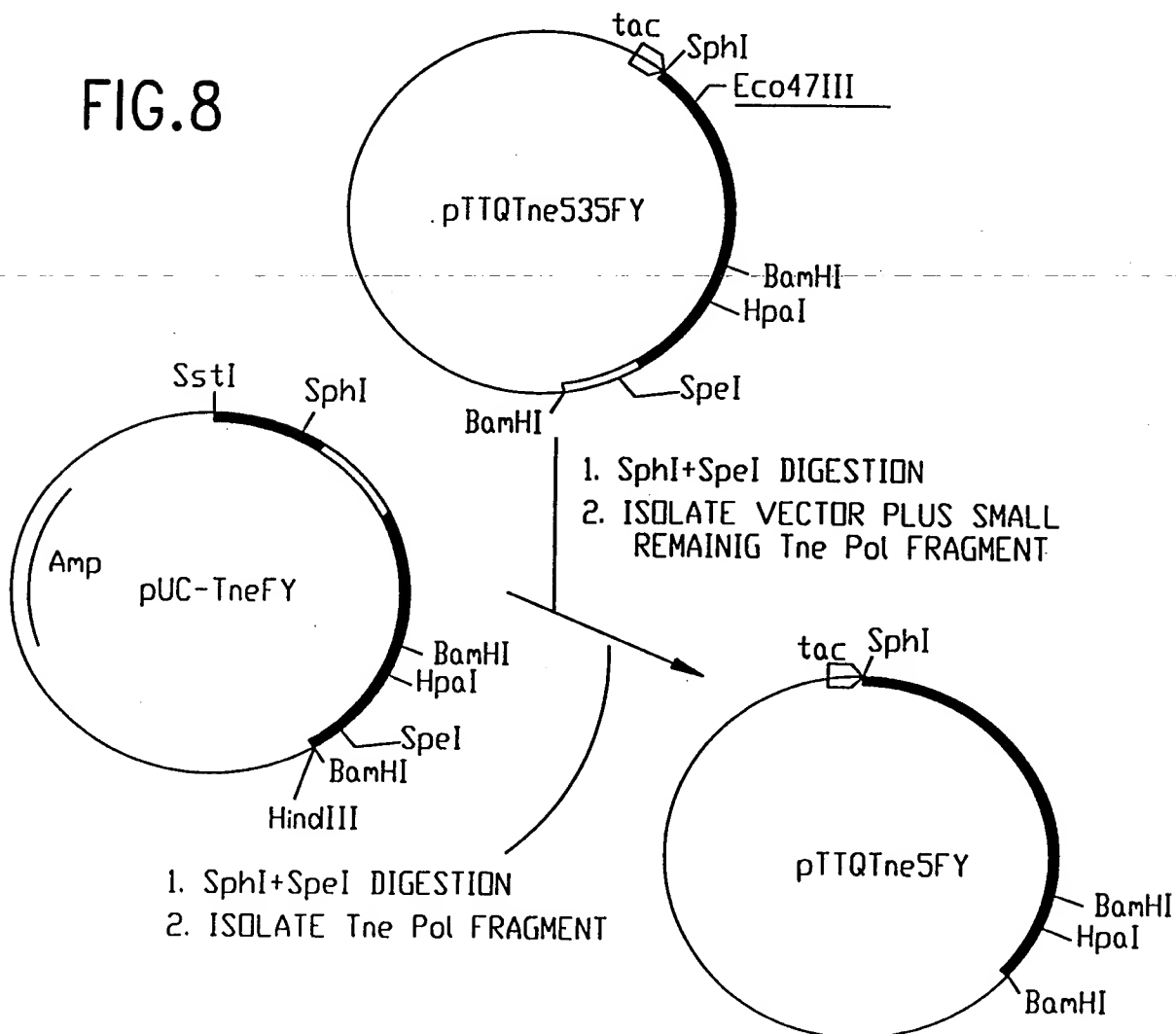


FIG.8



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

A B
ACGT GATC



FIG.9

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

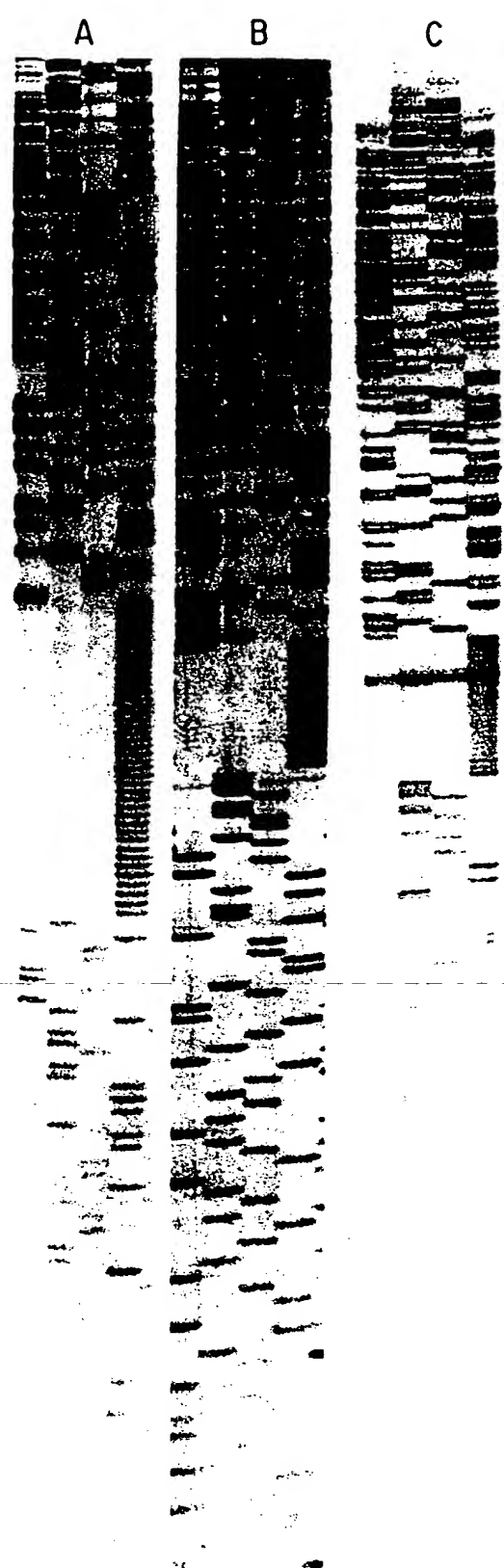


FIG.10

0929173-011399
655770" E/762260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

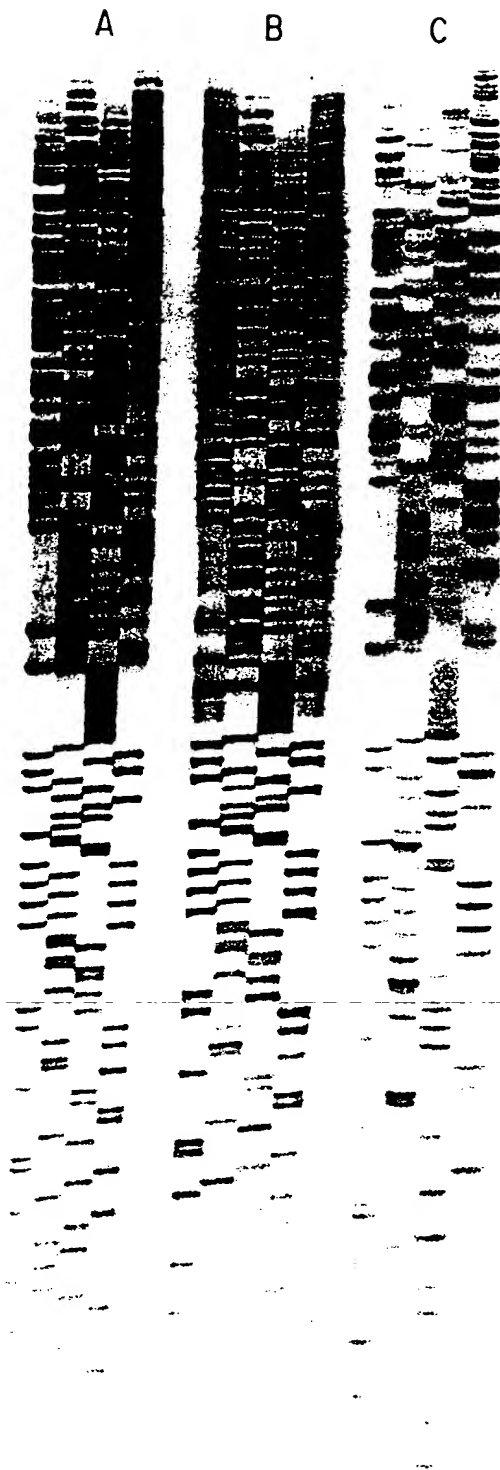


FIG.11

0923473.011339
6570 EZT6360

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

A B C



FIG.12

0926943-0199
55440-0199

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
WFTSR/H		

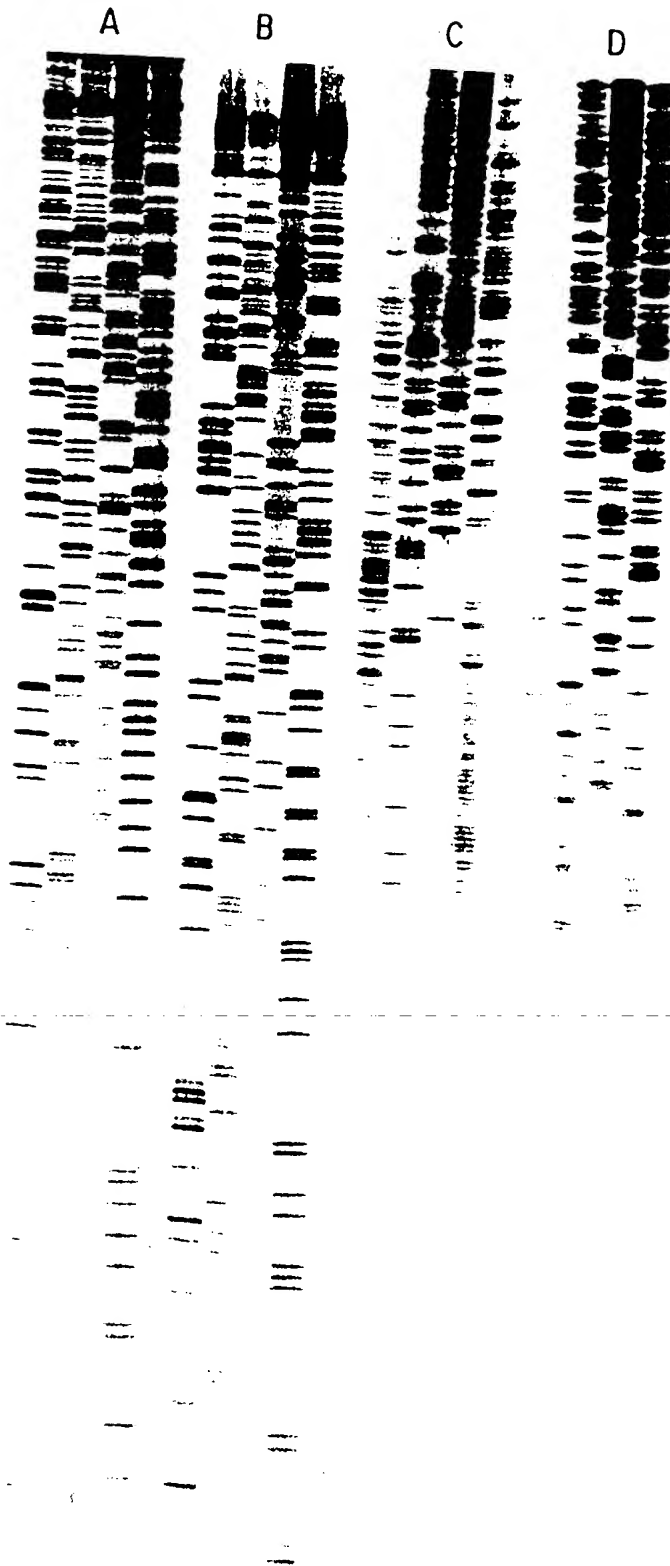


FIG.13

05229473 044969
05229473 044969

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



FIG.14A

099517-0139
66670-0139

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

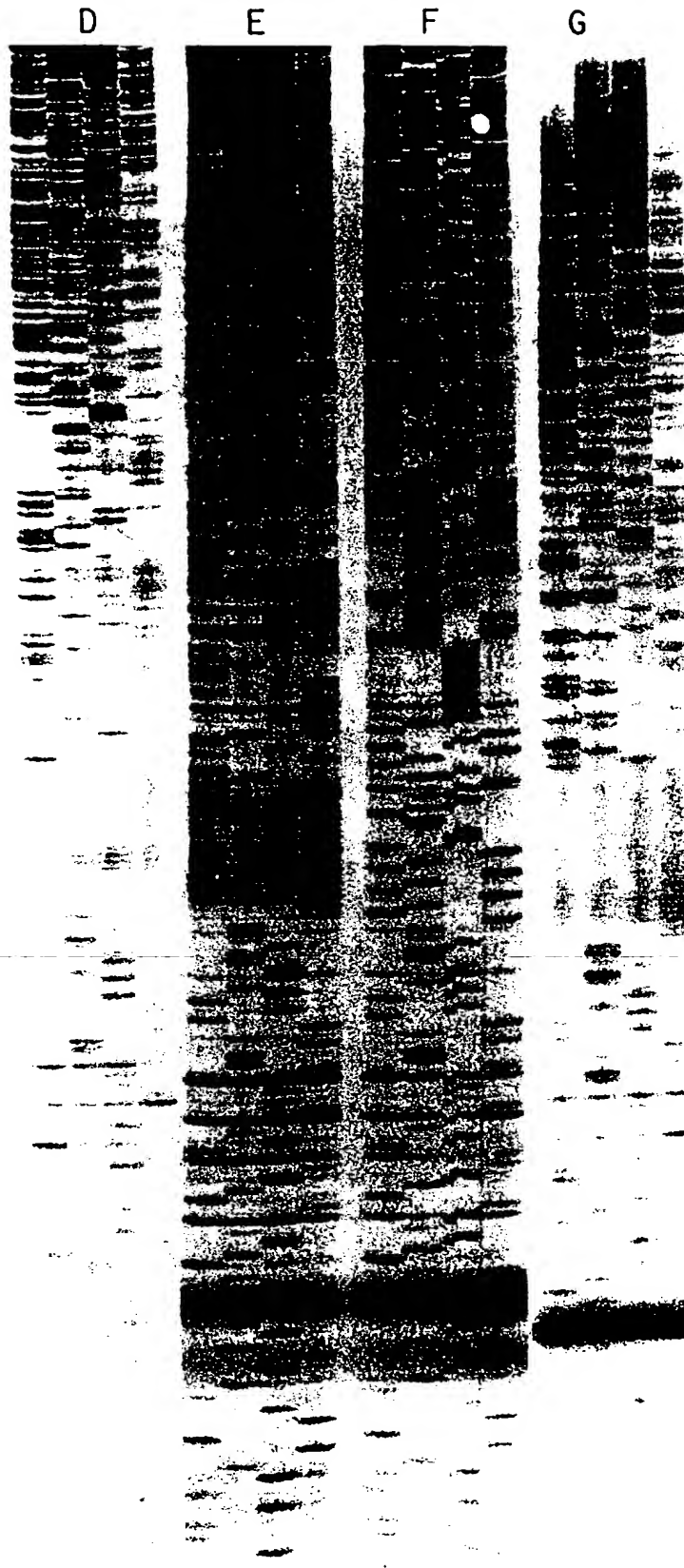


FIG.14B

090317 01193
66FTO ET5250

APPROVED	D.E. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

09229173 041399
 65ETD E762260

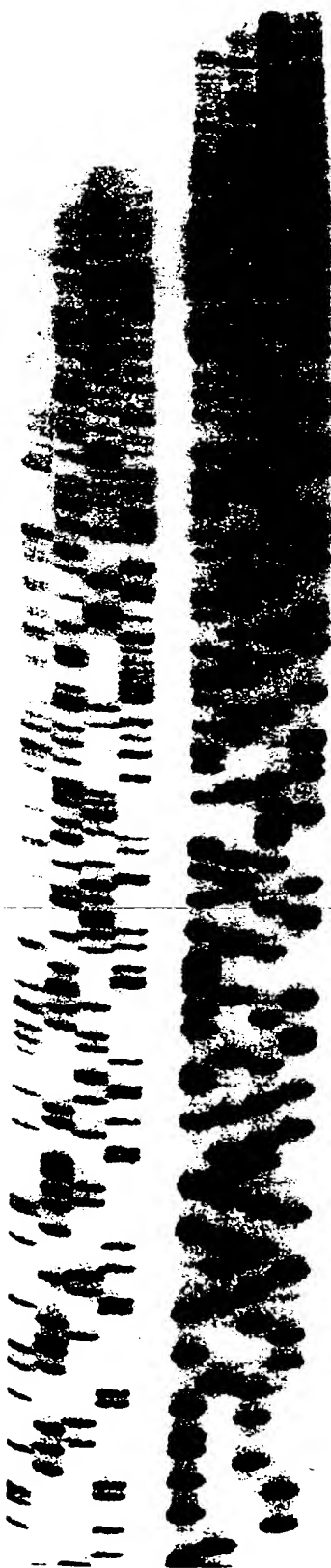


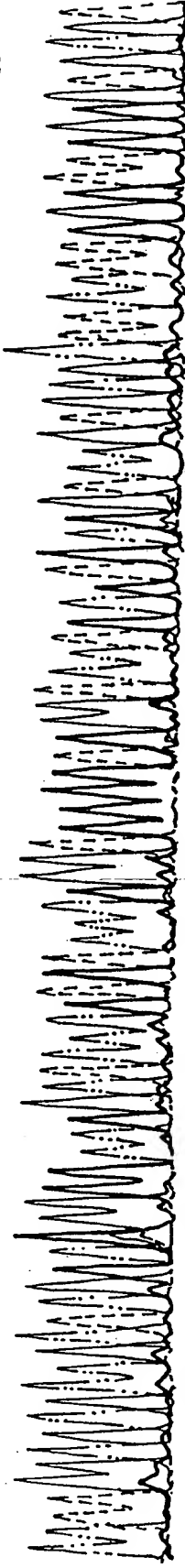
FIG.15

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

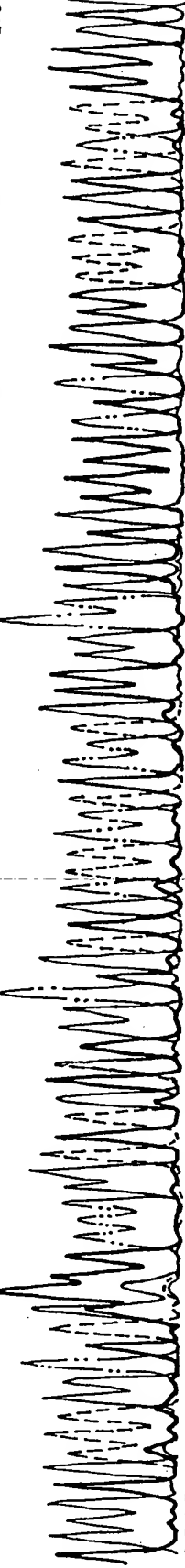
TCGT ACCNCGGNT CN CNANAT CGAC TG CAG CATGCAAGC TGGC TAAATCAITGGTCATAGCTGTTCCCTGTCGTAATGTTATCCGCTCAC



AATTCACACAACATACGAGCCGGGAAGCATAAAGTGAAGCCCTGGGTCGCTAATGAGTGACCTAACTCACATTAATTCGGTTCGCGTCAC



GCCCCGCTTTCAGTCGGGAACCTGTCGTGCCAGCTGCATTAAATGAATCGGCCAACCCGGGGAGAGCGGTTTCGGTATTGGCGG



CCTTCGGCTTCCTCGCTCACIGACTCGCTGGCTCGGTCGGTTCGGCTGCGGGAGCGGTAATCAGCTCACTCAAAGCGG



FIG. 16A

APPROVED	O.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

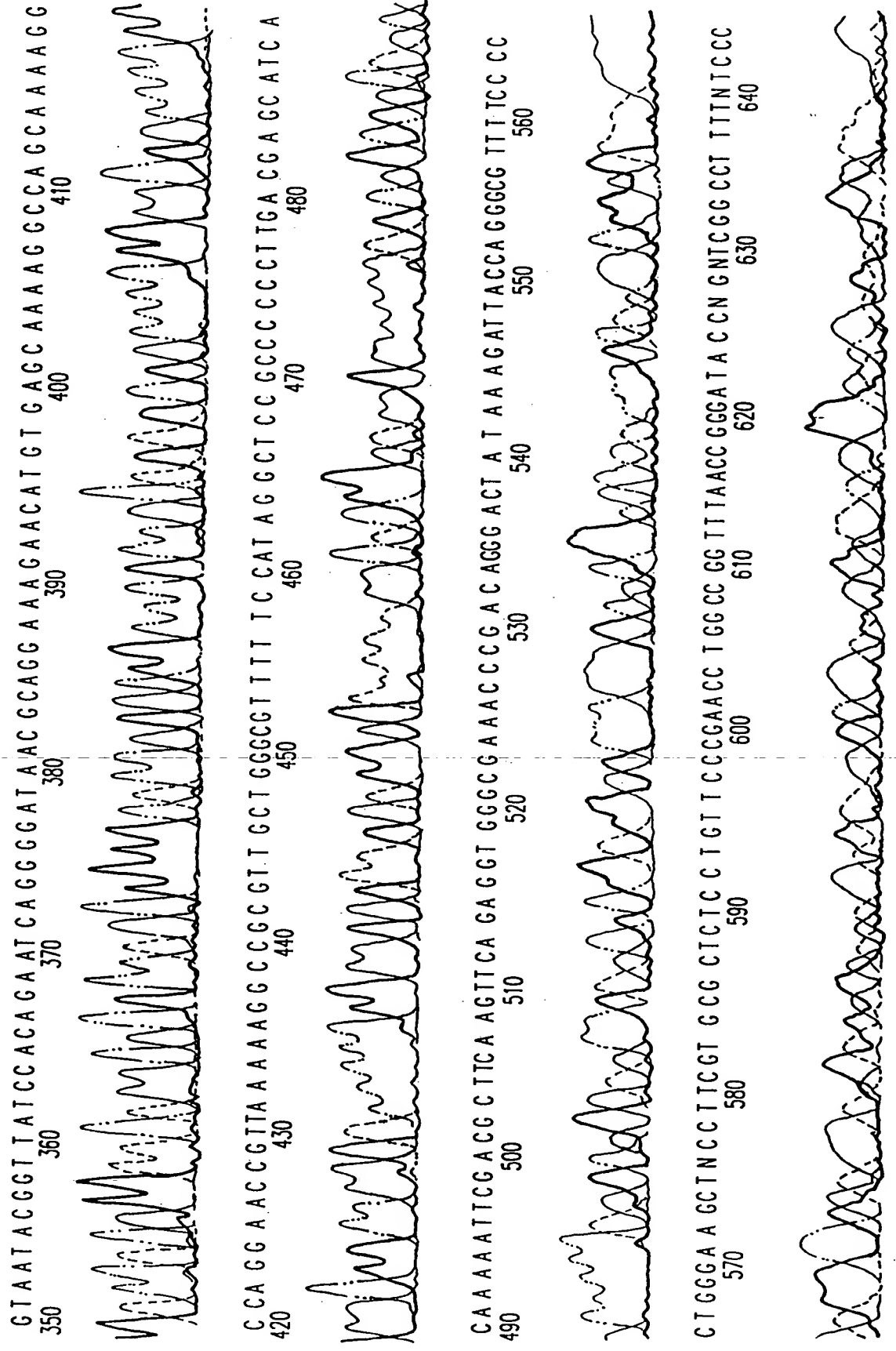


FIG.16B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

CTT NGCGG A A N C C TT GGG G N TT T T N G N A A A N G C T A A C C G TT
 650 660 670 680



FIG.16C

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

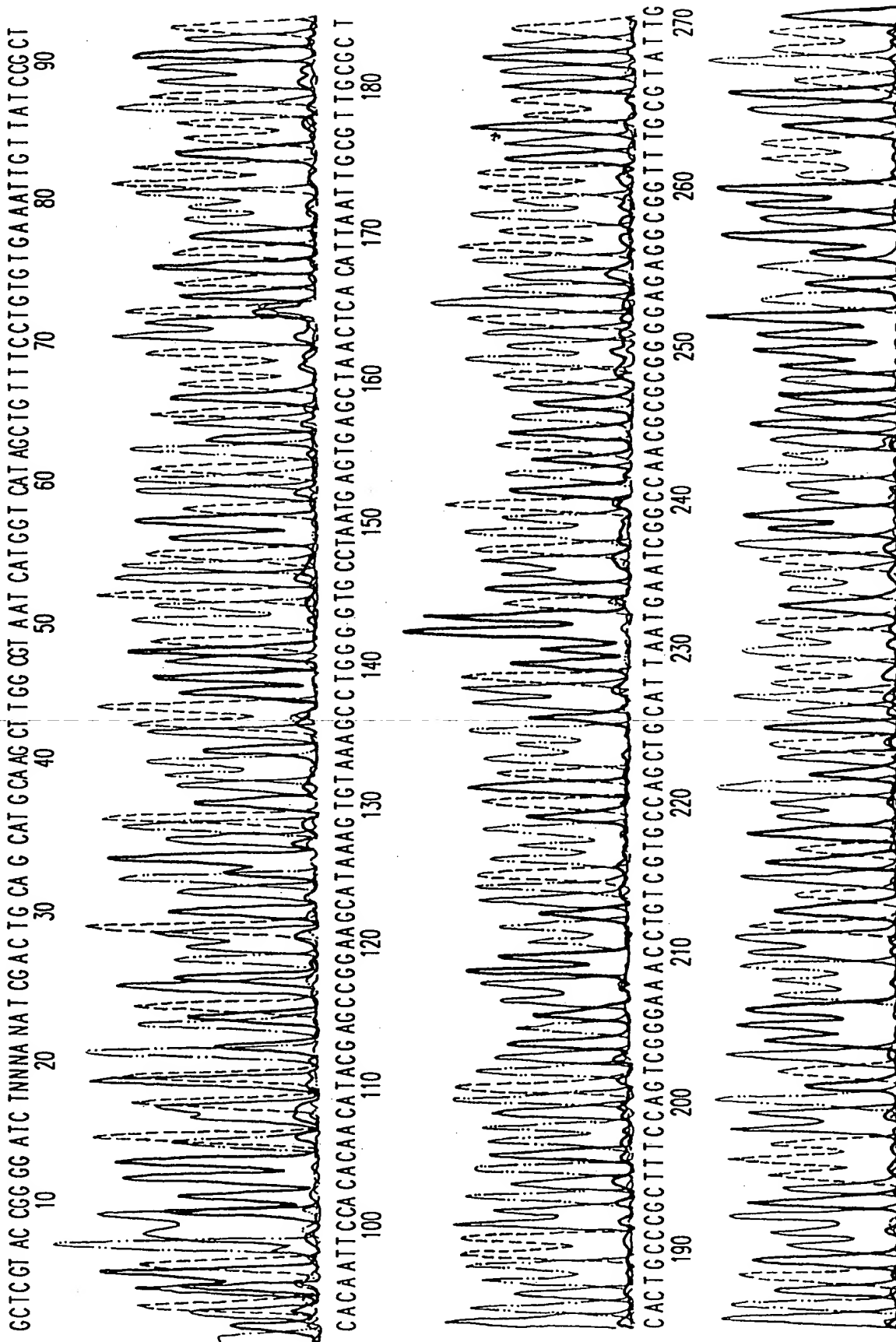


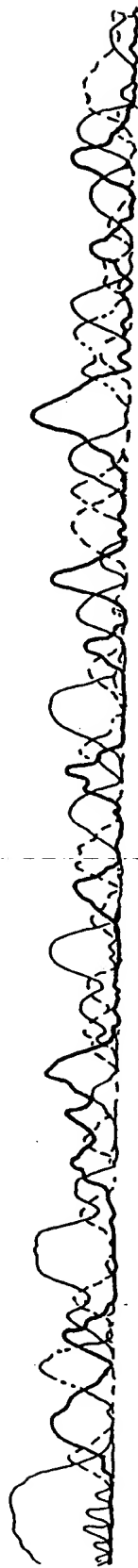
FIG.16D

APPROVED	O.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

ATCANA A AAATCGANGCTCANGTCANAGGTGGCGAACC GACA GG NCT ATTAAAAG ATNCCCAGG CGTTTT
 490 500 510 520 530 540 550 560



CCCCC TGGG AAGCTCCC TCGTGGGGCTCTCCTGGTTNCGGNNCCCTGNCCGNTTACCGGGGAT AACTTGTTCGGGNCCTT T N T
 570 580 590 600 610 620 630 640



CCCC T T CNGGG AAAANGGTGGGGG TTTTNNNAA AAGGCTCAA GGCTGCTANG
 650 660 670 680 690 700



FIG.16F

APPROVED	D.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

5570-26260

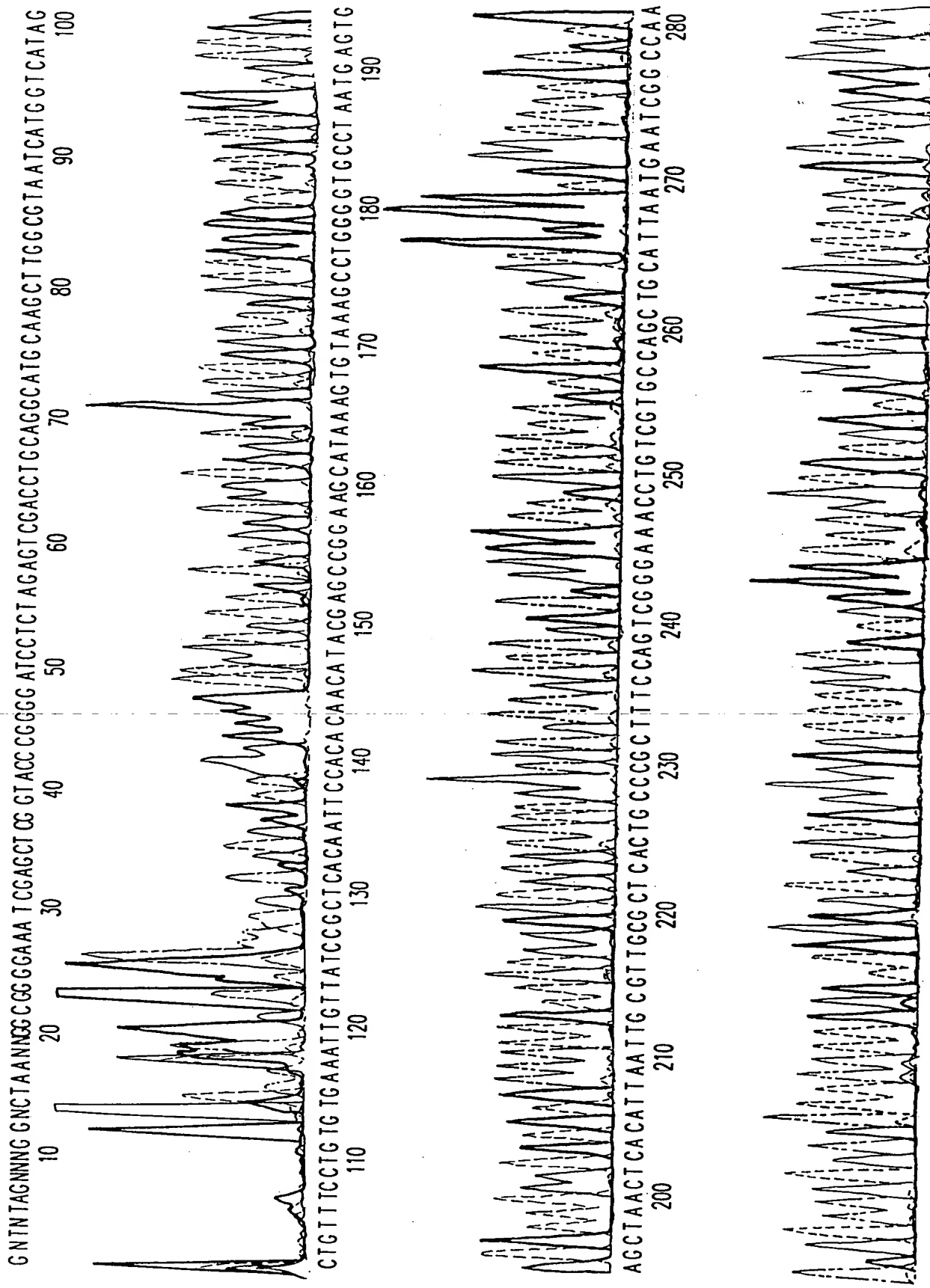


FIG.17A

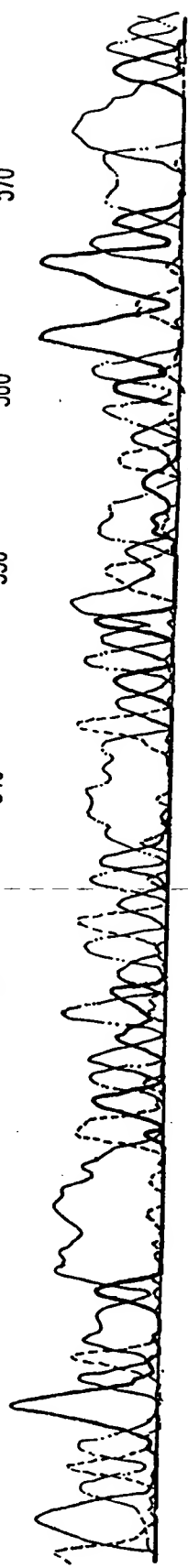
G A A G A A C A T G T G A G C A A A A G G C C C C A G C A A A G G C C A G C A A A A G G C C G C G T T T
 440 450 460 470 480 490 500

FIG. 17B

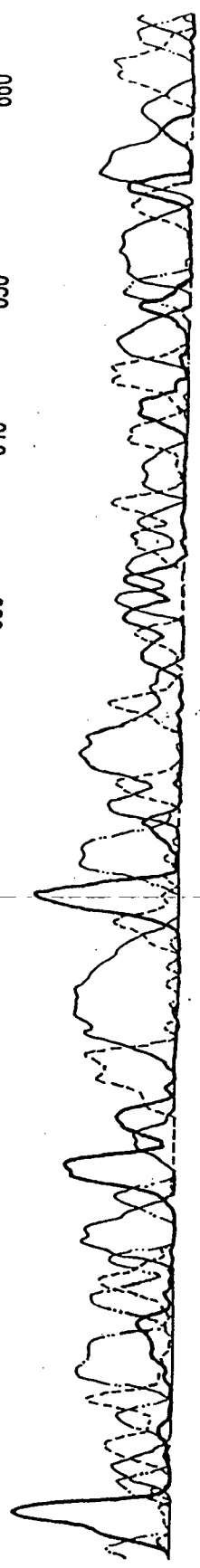
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

55710-62350

TCC A T AGG CTC CGC C C C C C T T G A C G G A C C A A A A T C G A C G C T C A A A G T C A G A G G T G G C G A A C C C C G A C
510 520 530 540 550 560 570



AG C G A C T T A T A A A G A T A C C C A G G C C G T T T C C C C T G G A A G C T C C C C T C C G T G C G C T T C G C T T C C C G A C C C T G C C G C T T T A C
580 590 600 610 620 630 640 650 660



C N G G A T N C C T G T C C G C C C T T T T N T C C C T T T C N G G N A A C C G G G C G C T T T T T T T
670 680 690 700 710

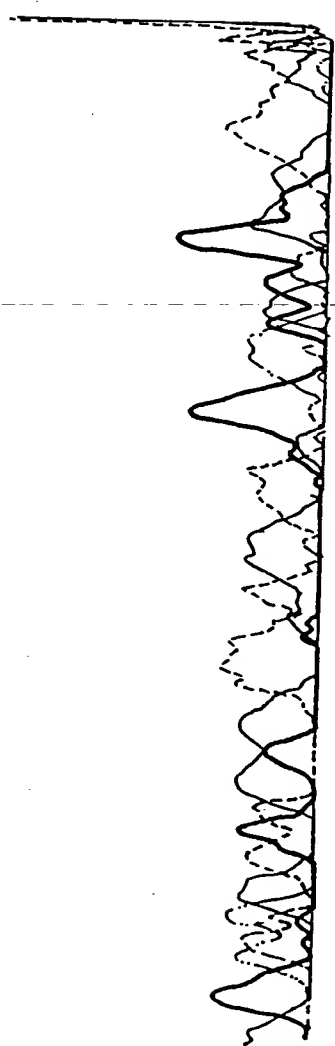


FIG.17C

APPROVED	J.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

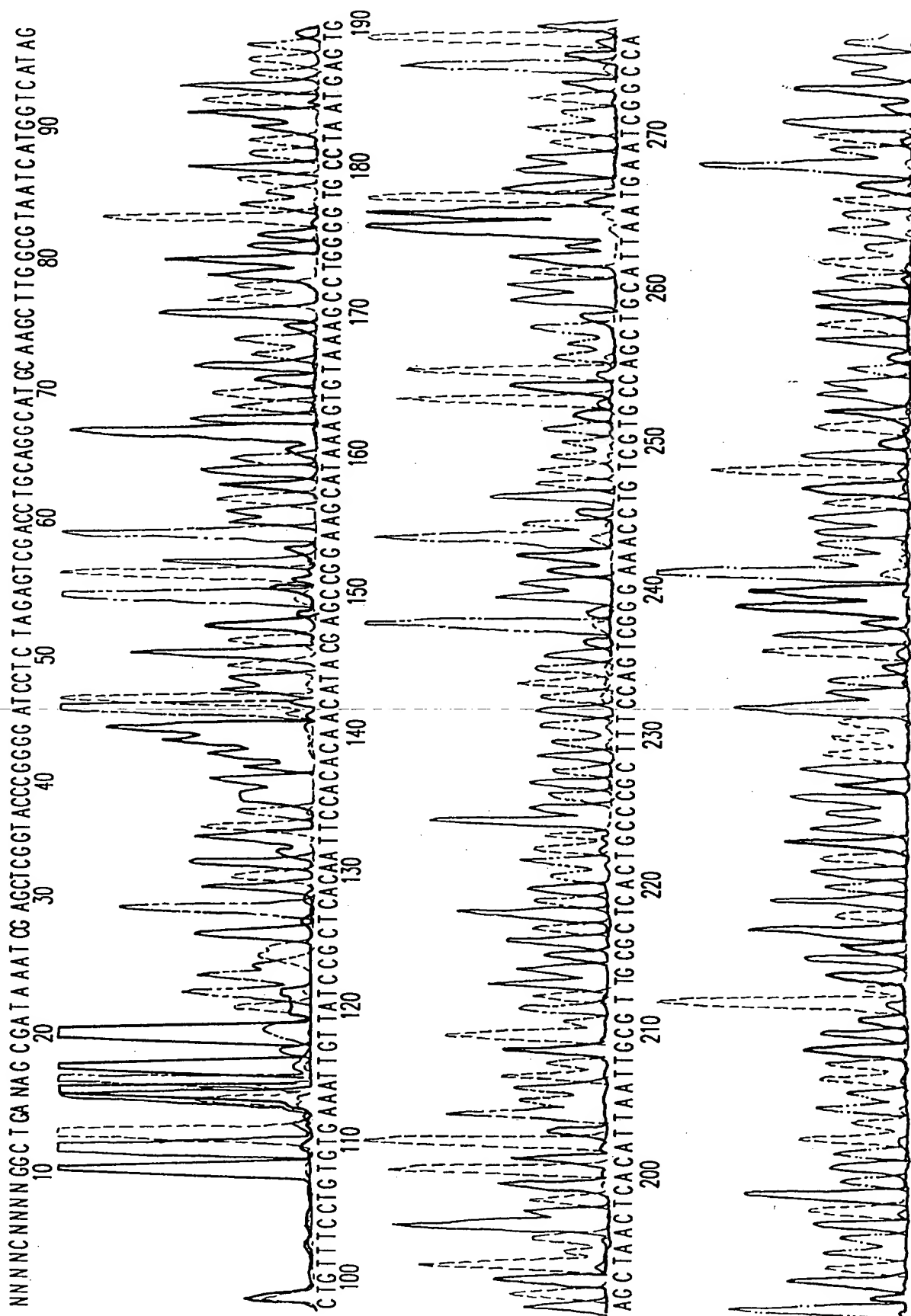


FIG.17D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

65710-676360

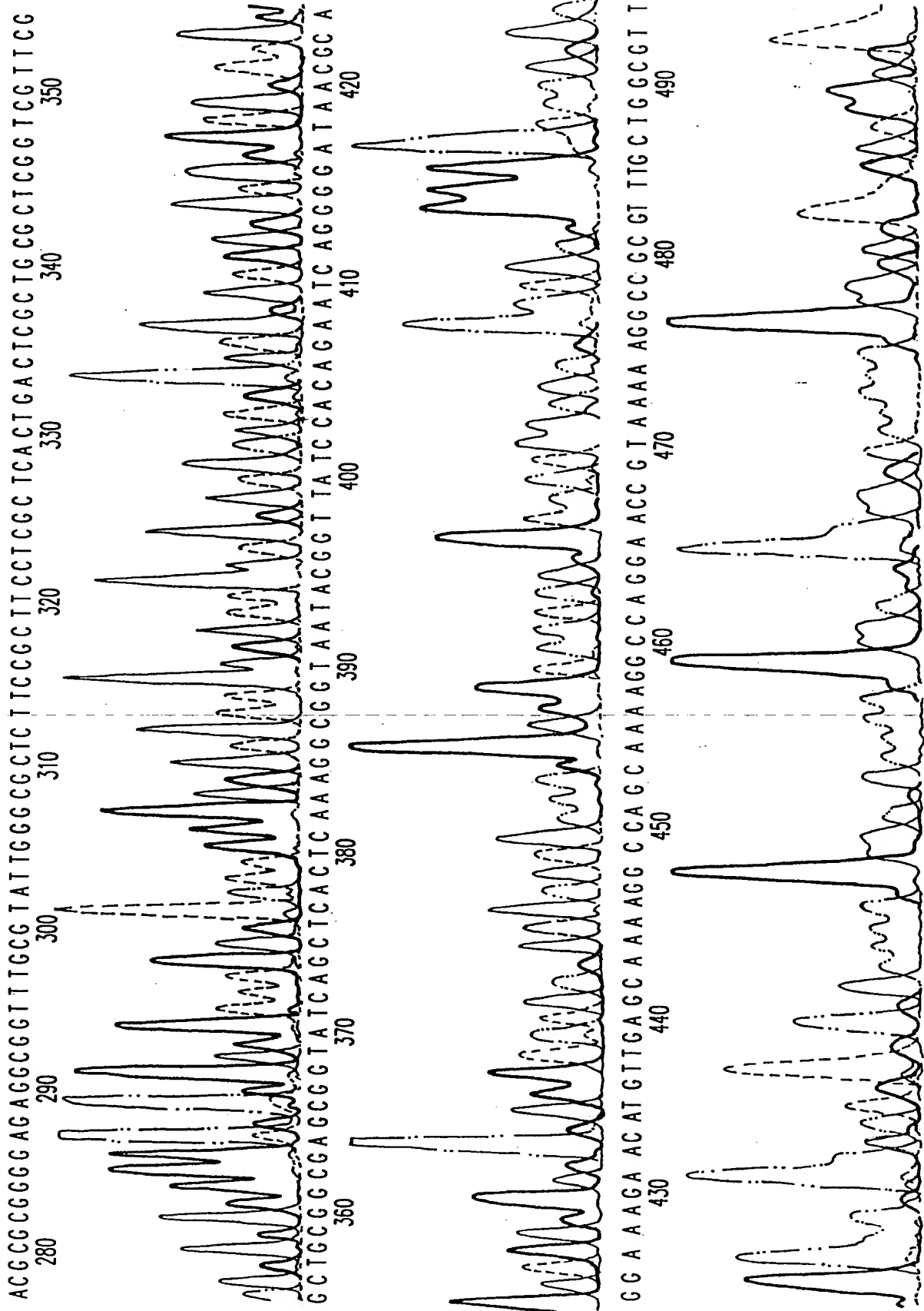


FIG.17E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

555 T 10 " E 2 F 5 2 3 6 0

TTTCCCATAGGCCTC CGCCCC CC TIGA CGAACCAT CACAA AAT CGA CGCTCA ATT CAGAAG TTGG CGAAAA C CCG
500 510 520 530 540 550 560

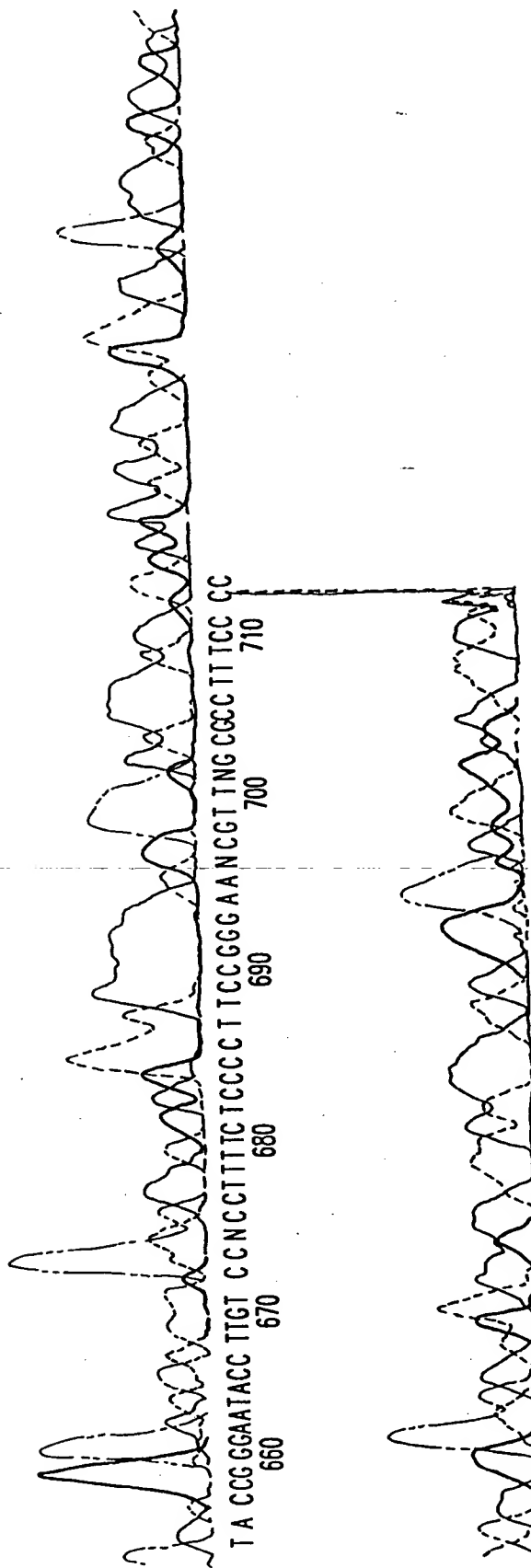
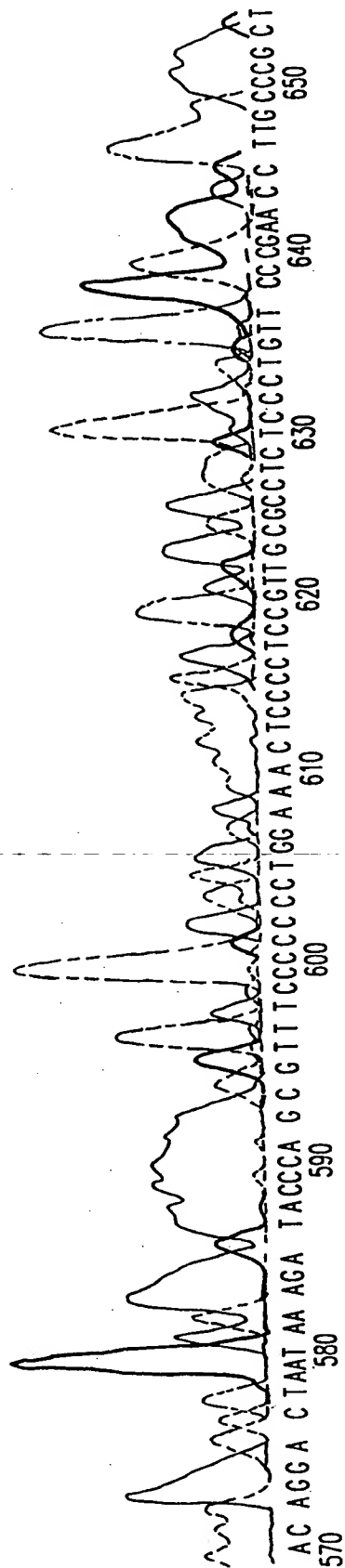


FIG.17F